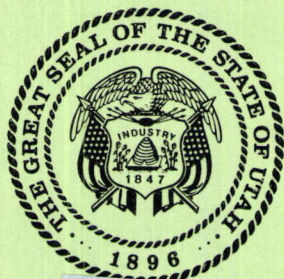


State of Utah  
DEPARTMENT OF HEALTH  
State Health Laboratory  
Bureau of Laboratory Improvement



*Randy, 5/20  
Here's an  
old (1985) list  
of certified environ  
labs. Perhaps DWQ  
has a new test?  
W.*

LIST OF CERTIFIED  
ENVIRONMENTAL  
LABORATORIES

1985

State of Utah  
DEPARTMENT OF HEALTH  
State Health Laboratory  
Bureau of Laboratory Improvement

CERTIFIED ENVIRONMENTAL LABORATORIES

The laboratories listed herein have met the minimum requirements of "Criteria for Certification of Environmental Laboratories" adopted under authority of Utah Code Annotated 1953, 26-1-30(14), as amended, and pertinent Utah rules and regulations relating to tests performed on environmental specimens. They are approved to perform examinations on environmental samples for the parameters specified. This list supersedes all previous lists, which are now null and void.

This list will remain effective for the calendar year of 1985, or until an amended or subsequent list is published.

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THE STATE HEALTH LABORATORY MUST BE NOTIFIED IMMEDIATELY OF ANY CHANGES IN PERSONNEL OR PROCEDURES.

ENVIRONMENTAL CHEMISTRY

Amax Specialty Metal Corporation  
238 North 2200 West  
Salt Lake City, Utah 84116  
Telephone (801) 532-1522

Director: William Jackson  
Supervisor: Darrel Bryson

Certified to Perform Analysis For:

1. Trace Metals

Iron  
Boron

3. Minerals

pH  
Total Dissolved Solids (TDS)  
Calcium

American Smelting & Refining Company  
3422 South 700 West  
Salt Lake City, Utah 84119  
Telephone: (801) 262-2459

Director: Donald A. Robbins  
Supervisor: Gary Stanga

Certified to Perform Analysis For:

1. Trace Metals:

Aluminum  
Arsenic  
Barium  
Boron  
Cadmium  
Chromium  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver

3. Minerals

pH  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Chloride  
Fluoride  
Sulfate

4. Nutrients

Nitrate  
Orthophosphate  
Total Phosphorus

2. Miscellaneous

Cyanide

5. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)

Brigham Young University Environmental Analysis Laboratory  
Department of Civil Engineering  
368 ESTB  
Provo, Utah 84602  
Telephone: (801) 378-1211, EXT. 2972

Director: LaVere B. Merritt, Ph.D.  
Supervisors: Willis Brimhall, Ph.D. and  
Gary Hunter

**Certified to Perform Analysis For:**

**1. Trace Metals**

Aluminum  
Arsenic  
Barium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Thallium  
Zinc

**2. Minerals**

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

**3. Nutrients**

Ammonia  
Nitrate  
Orthophosphate  
Total Phosphorus  
Total Kjeldahl Nitrogen

**4. Demand**

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)  
Total Organic Carbon (TOC)

**5. Residue**

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

**6. Miscellaneous**

Cyanide  
Nitrite  
Oil & Grease  
Phenol  
Silica (SiO<sub>2</sub>)  
Chlorine, Residual  
Turbidity



Central Utah Water Conservancy District Laboratory  
P.O. Box 427  
Orem, Utah 84057  
Telephone: (801) 226-7113

Director: William Dodds

Certified to Perform Analysis For:

1. Minerals

pH  
Specific Conductance  
Total Hardness  
Calcium  
Total Alkalinity

2. Miscellaneous

Chlorine, Residual  
Turbidity

Central Valley Water Reclamation Plant Laboratory  
2589 South Main Street, Suite 120  
South Salt Lake City, Utah 84115  
Telephone: (801) 264-2638

Director: William H. Fox  
Supervisor: Kent Loader

Certified to Perform Analysis For:

1. Minerals

pH  
Total Alkalinity

2. Nutrients

Ammonia

3. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)

4. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

5. Miscellaneous

Chlorine, Residual  
Volatile Acids

Central Weber Sewer District Laboratory  
2618 West Pioneer Road  
Ogden, Utah 84404  
Telephone: (801) 731-3011

Director: Mark Davidson  
Supervisor: Rex Averett

**Certified to Perform Analysis For:**

**1. Minerals**

pH

**2. Nutrients**

Ammonia

**3. Demand**

Biochemical Oxygen Demand (BOD )

**3. Residue**

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

**4. Miscellaneous**

Chlorine, Residual

**Chemtech**

28 East 1500 North  
Orem, Utah 84057  
Telephone: (801) 226-8822

OR: 2875 South Main Street, Suite 101  
Salt Lake City, Utah 84115  
Telephone: (801) 483-1162

Director: Rex Henderson

**Certified to Perform Analysis For:**

**1. Minerals**

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Total Alkalinity  
Chloride  
Sulfate  
Fluoride  
Sodium  
Potassium

**3. Nutrients**

Ammonia  
Nitrate  
Nitrite  
Orthophosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

**3. Trace Metals**

Aluminum  
Arsenic  
Barium  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Tin  
Titanium  
Vanadium  
Zinc

Chemtech Continued  
Certified to Perform Analysis For:

4. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

6. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)  
Total Organic Carbon (TOC)

5. Miscellaneous

Cyanide  
Oil and Grease  
EP Toxicity

Earth Sciences Laboratory  
UURI Research Institute  
391 Chipeta Way, Suite A  
Salt Lake City, Utah 84108  
Telephone: (801) 524-3422

Director: Joseph N. Moore, Ph.D.  
Supervisor: Ruth L. Kroneman

Certified to Perform Analysis For:

1. Minerals

pH  
Total Alkalinity  
Bicarbonate  
Carbonate  
Sulfate  
Chloride  
Fluoride  
Calcium  
Magnesium  
Potassium  
Sodium

2. Nutrients

Ortho-Phosphate  
Total Phosphorus

3. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

4. Miscellaneous

Boron  
Silicate (SiO<sub>2</sub>)

5. Metals

Aluminum  
Arsenic  
Barium  
Cadmium  
Chromium  
Copper  
Iron  
Lead  
Molybdenum  
Manganese  
Mercury  
Nickel  
Selenium  
Silver  
Zinc

Ecosystem Research Institute  
975 South State Highway  
Logan, Utah 84321  
Telephone: (801) 752-2580

Director: Vince LaMarra, Ph.D.

Certified to Perform Analysis For:

1. Minerals

pH  
Specific Conductance  
Total Alkalinity  
Total Hardness  
Calcium  
Magnesium  
Sulfate

2. Nutrients

Nitrate  
Nitrite  
Ammonia  
Ortho-Phosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

3. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)

Ford Chemical Laboratory  
40 West Louise Avenue  
Salt Lake City, Utah 84115  
Telephone: (801) 466-8761

Director: Lyle Ford  
Supervisor: Lewis Pintar

Certified to Perform Analysis For:

1. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

2. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)  
Total Organic Carbon (TOC)

3. Minerals

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

4. Miscellaneous

EP-Toxicity  
Cyanide  
Surfactant (MBAS)  
Oil and Grease  
Phenol  
Silica (SiO<sub>2</sub>)  
Chlorine, Residual  
Turbidity



Ford Chemical Laboratory Continued  
Certified to Perform Analysis For:

5. Trace Metals

Aluminum  
Arsenic  
Barium  
Beryllium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Vanadium  
Zinc

6. Organic Residues

Total Organic Halides (TOX)  
Pesticides:  
Endrin  
Lindane  
Methoxychlor  
Toxaphene  
Herbicides:  
2,4-D  
2,4,5-TP (Silvex)  
Trihalomethanes: (THM's)  
Chloroform  
Bromodichloromethane  
Dibromochloromethane  
Bromoform  
Total Trihalomethanes  
Polychlorinated Biphenyls (PCB's)  
Volatile Organic Solvents

7. Nutrients

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

Kennecott Environmental Hygiene Laboratory  
Kennecott Minerals Company  
1515 Mineral Square  
Salt Lake City, Utah 84147  
Telephone: (801) 322-8306

Director: Armin P. Langheinrich  
Supervisor: Lynn Hutchinson

Certified to Perform Analysis For:

1. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

2. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)  
Total Organic Carbon (TOC)

**Kennecott Environmental Hygiene Laboratory Continued  
Certified to Perform Analysis For:**

**3. Trace Metals**

Aluminum  
Arsenic  
Barium  
Beryllium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Thallium  
Tin  
Vanadium  
Zinc

**4. Minerals**

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

**5. Nutrients**

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

**Metropolitan Water District Laboratory  
9000 South Danish Road  
Sandy, Utah 84092  
Telephone: (801) 942-1391**

**Director: George Richards  
Supervisor: Jerry Kimball**

**Certified to Perform Analysis For:**

**1. Nutrients**

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate

**2. Miscellaneous**

Surfactant (MBAS)  
Silica ( $\text{SiO}_2$ )  
Chlorine, Residual  
Turbidity  
Trihalomethanes (THM's)

Metropolitan Water District Laboratory Continued  
Certified to Perform Analysis For:

3. Trace Metals

Aluminum  
Arsenic  
Barium  
Chromium  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Nickel  
Selenium  
Silver  
Zinc

5. Minerals

pH  
Total Dissolved Solids (TDS)  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

Moroni Wastewater Treatment Plant Laboratory  
P.O. Box 448  
Moroni, Utah 84646  
Telephone: (801) 436-8264

Director: Paul Stevens

Certified to Perform Analysis For:

pH  
Total Suspended Solids (TSS)  
Biochemical Oxygen Demand (BOD<sub>5</sub>)

Morton-Thiokol Wasatch Division  
Research & Development Laboratory  
P.O. Box 524  
Brigham City, Utah 84302  
Telephone: (801) 863-3524

Director: Delmar B. Davis  
Supervisor: Gary Dixon

Certified to Perform Analysis For:

Metals

Chromium  
Lead  
Silver  
EP Toxicity

Provo City Water & Wastewater Laboratory  
1685 South 350 East  
Provo, Utah 84601  
Telephone: (801) 373-7813

Director: Jesse Robinson  
Supervisor: Rex Henderson

**Certified to Perform Analysis For:**

**1. Minerals**

pH

**2. Nutrients**

Ammonia

Total Kjeldahl Nitrogen

**3. Demand**

Biochemical Oxygen Demand (BOD<sub>5</sub>)

Chemical Oxygen Demand (COD)

**4. Miscellaneous**

Oil and Grease  
Chlorine, Residual  
Turbidity

**5. Residue**

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

Salt Lake City/County Health Department Laboratory  
610 South 200 East  
Salt Lake City, Utah 84111  
Telephone: (801) 530-7561

Director: Elwood L. Loveridge, Ph.D.  
Supervisor: Ron Burton

**Certified to Perform Analysis For:**

**1. Trace Metals**

Aluminum  
Arsenic  
Barium  
Cadmium  
Chromium  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Nickel  
Silver  
Zinc

**2. Minerals**

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

Salt Lake City/County Health Department Laboratory Continued  
Certified to Perform Analysis For:

3. Nutrients

Ammonia  
Nitrate  
Ortho-Phosphate  
Total Phosphorus

6. Miscellaneous

Surfactant (MBAS)  
Oil and Grease  
Silica (SiO<sub>2</sub>)  
Chlorine, Residual

4. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)

5. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

Salt Lake City Water Reclamation Plant Laboratory  
1850 North Redwood Road  
Salt Lake City, Utah 84116  
Telephone: (801) 535-7781

Director: Jack Peterson  
Supervisor: Steve Otis

Certified to Perform Analysis For:

1. Minerals

pH

3. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

2. Nutrients

Ammonia

4. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)

Snyderville Basin Sewer Improvement District Laboratory  
C/O Summit County Health Department  
128 Courthouse  
Coalville, Utah 84017  
Telephone: (801) 336-2503 OR: 649-6092

Director: Steve Jenkins  
Supervisor: Neil Jones



**Snyderville Basin Sewer District Laboratory Continued  
Certified to Perform Analysis For:**

**1. Minerals**

pH  
Total Alkalinity

**2. Residue**

Total Suspended Solids (TSS)

**5. Nutrients**

Total Phosphorus

**3. Demand**

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)

**4. Miscellaneous**

Chlorine, Residual  
Oil and Grease

**Southern Utah State Water Laboratory  
351 West Center Street  
Cedar City, Utah 84720  
Telephone: (801) 586-7914**

**Director: Joseph L. Comp, Ph.D.  
Supervisor: Joe Hoagland**

**Certified to Perform Analysis For:**

**1. Trace Metals**

Aluminum  
Arsenic  
Barium  
Beryllium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Vanadium  
Zinc

**2. Nutrients**

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

**3. Demand**

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)

**4. Residue**

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

Southern Utah State Water Laboratory Continued  
Certified to Perform Analysis For:

5. Miscellaneous

Cyanide  
Surfactant (MBAS)  
Silica ( $\text{SiO}_2$ )  
Turbidity

6. Minerals

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

Standard Laboratories, Inc.  
P.O. Box 1140  
Huntington, Utah 84528  
Telephone: (801) 653-2314

Director: Ray A. Sim  
Supervisor: David Janusz

Certified to Perform Analysis For:

1. Trace Metals

Aluminum  
Arsenic  
Barium  
Beryllium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Strontium  
Vanadium  
Zinc

2. Minerals

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

3. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)

**Standard Laboratories, Inc. Continued**  
**Certified to Perform Analysis For:**

**4. Nutrients**

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

**5. Residue**

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

**6. Miscellaneous**

Oil and Grease  
Phenol  
Silica ( $\text{SiO}_2$ )  
Turbidity

**Timpanogos Special Service District Laboratory**  
P.O. Box 515  
Pleasant Grove, Utah 84062  
Telephone: (801)

**Director: Garland Wayne**

**Certified to Perform Analysis For:**

**1. Minerals**

pH

**3. Nutrients**

Ammonia

**5. Demand**

Biochemical Oxygen Demand ( $\text{BOD}_5$ )  
Chemical Oxygen Demand (COD)

**2. Residue**

Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

**4. Miscellaneous**

Oil and Grease  
Chlorine, Residual  
Turbidity

**Union Pacific Railroad Chemical Laboratory**  
500 West 800 North  
P.O. Box 2459  
Salt Lake City, Utah 84116  
Telephone: (801) 363-1544, EXT. 215

**Director: J.B. Willhite**  
**Supervisor: Lane Bessey**

Union Pacific Railroad Chemical Laboratory  
Certified to Perform Analysis For:

1. Minerals

pH

2. Trace Metals

Aluminum  
Chromium  
Manganese

3. Nutrients

Ammonia  
Nitrate  
Ortho-Phosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

4. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)

5. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)

6. Miscellaneous

Surfactant (MBAS)  
Oil and Grease  
Phenol

United States Bureau of Reclamation Soils & Water Laboratory  
1745 West 1700 South, Room 1003  
Salt Lake City, Utah 84104  
Telephone: (801) 524-5527

Director: Jerry Miller  
Supervisor: Dwight D. Hammargren

Certified to Perform Analysis For:

1. Minerals

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Sulfate  
Total Dissolved Solids (TDS)

2. Nutrients

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate  
Total Phosphorus

3. Miscellaneous

Silica (SiO<sub>2</sub>)  
Chlorophyll

Utah Biomedical Test Laboratory  
520 Wakara Way  
Salt Lake City, Utah 84108  
Telephone: (801) 584-3232

Director: James Nelson, Ph.D.  
Supervisor: (Organic) Edward Sanders, Ph.D.  
(Inorganic) Sim D. Lessley, Ph.D.

**Certified to Perform Analysis For:**

**1. Trace Metals**

Aluminum  
Antimony  
Arsenic  
Barium  
Beryllium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Gold  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Platinum  
Selenium  
Silver  
Strontium  
Thallium  
Tin  
Titanium  
Vanadium  
Zinc

**2. Nutrients**

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate  
Total Phosphorus  
Total Kjeldahl Nitrogen

**3. Organic Residue**

Pesticides  
Herbicides  
Trihalomethanes  
Volatile Organics  
Polychloride Biphenyls (PCB's)  
Priority Pollutants

**4. Miscellaneous**

Acidity  
EP-Toxicity  
Surfactant (MBAS)  
Oil and Grease  
Silica ( $\text{SiO}_2$ )  
Phenol  
Cyanide  
Chlorine, Residual  
Turbidity  
Sulfides

**5. Minerals**

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate



Utah Biomedical Test Laboratory Continued  
Certified to Perform Analysis For:

6. Residues

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)  
Total Settleable Solids

7. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)  
Total Organic Carbon (TOC)

Utah State Health Laboratory  
44 Medical Drive  
Salt Lake City, Utah 84113  
Telephone Number (801) 533-6131

Director: Francis M. Urry, Ph.D.  
Supervisors: Richard E. Issacs  
John Oman  
Stephen L. Warnick, Ph.D.

Certified to Perform Analysis For:

1. Trace Metals

Aluminum  
Antimony  
Arsenic  
Barium  
Beryllium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Lead  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Strontium  
Thallium  
Tin  
Titanium  
Vanadium  
Zinc

2. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

3. Nutrients

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

4. Organic Residue

Pesticides  
Herbicides  
Trihalomethanes  
Polychlorinated Biphenyls (PCB's)  
Volatile Organics  
Priority Pollutants

Utah State Health Department Laboratory Continued  
Certified to Perform Analysis For:

5. Minerals

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

8. Miscellaneous

EP-Toxicity  
Cyanide  
Surfactant (MBAS)  
Oil and Grease  
Phenol  
Silica ( $\text{SiO}_2$ )  
Chlorine, Residual  
Turbidity  
Sulfide

6. Demand

Biochemical Oxygen Demand ( $\text{BOD}_5$ )  
Chemical Oxygen Demand (COD)  
Total Organic Carbon (TOC)

7. Radiochemistry

Gross Alpha  
Gross Beta  
Radium 226  
Radium 228  
Tritium  
Uranium

Utah Water Research Laboratory  
Utah State University  
Logan, Utah 84322  
Telephone: (801) 750-3165

Director: V. Dean Adams, Ph.D.  
Supervisor: Alberta Seierstad

Certified to Perform Analysis For:

1. Miscellaneous

Cyanide  
Surfactant (MBAS)  
Oil and Grease  
Silica ( $\text{SiO}_2$ )  
Chlorine, Residual  
Turbidity

2. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

3. Organic Residue

Trihalomethanes

Utah Water Research Laboratory Continued  
Certified to Perform Analysis For:

4. Metals

Aluminum  
Arsenic  
Barium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Iron  
Lead  
Lithium  
Manganese  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver  
Vanadium  
Zinc

5. Nutrients

Ammonia  
Nitrate  
Nitrite  
Ortho-Phosphate  
Total Kjeldahl Nitrogen  
Total Phosphorus

6. Minerals

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Sodium  
Potassium  
Total Alkalinity  
Chloride  
Fluoride  
Sulfate

7. Demand

Biochemical Oxygen Demand (BOD<sub>5</sub>)  
Chemical Oxygen Demand (COD)  
Total Organic Carbon (TOC)

Weber Basin Water Conservancy District Headquarters Laboratory  
2837 East Highway 193  
Layton, Utah 84041  
Telephone: (801) 825-1677  
SLC Telephone: (801) 359-4494

Director: DeVar Geary

Certified to Perform Analysis For:

1. Miscellaneous

Chlorine, Residual  
Turbidity

2. Residue

Total Dissolved Solids (TDS)  
Total Suspended Solids (TSS)  
Total Volatile Solids (TVS)

**Weber Basin Water Conservancy District Headquarters  
Laboratory Continued  
Certified to Perform Analysis For:**

**3. Minerals**

pH  
Specific Conductance  
Total Hardness  
Calcium  
Magnesium  
Total Alkalinity  
Chloride  
Sulfate

**Weber Basin Water Conservancy District #2 Laboratory  
C/O 2837 East Highway 193  
Layton, Utah 84041  
Telephone: (801) 825-1677  
SLC Telephone: (801) 359-4494**

**Director: DeVar Geary  
Supervisor: Paul Woodin**

**Certified to Perform Analysis For:**

**Chlorine, Residual  
Turbidity**

**Weber Basin Water Conservancy District #3 Laboratory  
C/O 2837 East Highway 193  
Layton, Utah 84041  
Telephone: (801) 825-1677  
SLC Telephone: (801) 359-4494**

**Director: DeVar Geary  
Supervisor: Ray Huffaker**

**Certified to Perform Analysis For:**

**Chlorine, Residual  
Turbidity**



Weber Basin Water Conservancy District #4 Laboratory  
C/O 2837 East Highway 193  
Layton, Utah 84041  
Telephone: (801) 825-1677  
SLC Telephone: (801) 359-4494

Director: DeVar Geary  
Supervisor: Steve Yenchek

Certified to Perform Analysis For:

Chlorine, Residual  
Turbidity

Weber Basin Water Quality Management Council Laboratory  
2837 East Highway 193  
Layton, Utah 84041  
Telephone: (801) 825-1677  
SLC Telephone: (801) 359-4494

Director: William Reynolds

Certified to Perform Analysis For:

pH  
Chlorine, Residual  
Nitrate  
Nitrite  
Ortho-Phosphate

Western Analytical, Inc. Bioanalysis Laboratory  
2417 South 2700 West  
Salt Lake City, Utah 84119  
Telephone: (801) 973-9238

Director: E.H. Phillips  
Consultant: Ray Lloyd, Ph.D.

Certified to Perform Analysis For:

Trace Metals

Aluminum	Chromium	Mercury
Antimony	Cobalt	Nickel
Arsenic	Copper	Selenium
Barium	Iron	Vanadium
Beryllium	Lead	Zinc
Cadmium	Manganese	



ENVIRONMENTAL MICROBIOLOGY LABORATORIES

Bear River District Health Department Laboratory  
160 North Main Street  
Logan, Utah 84321  
Telephone (801) 752-3730

Director: Joel Hoyt

Certified to Perform Analysis For:

- |                        |                         |
|------------------------|-------------------------|
| 1. Membrane Filter     | 2. Standard Plate Count |
| Potable and Wastewater |                         |
| Total Coliform         |                         |

Central Utah Water District Health Department  
201 East 500 North  
Richfield, Utah 84701  
Telephone: (801) 896-5451

Director: Wayne LeBaron  
Supervisor: Robert Lowe

Certified to Perform Analysis For:

1. Membrane Filter  
    Potable and Wastewater  
    Total Coliform

Central Utah Water Conservancy District  
Duchesne Water Purification Plant Laboratory  
P.O. Box 2  
Duchesne, Utah 84066  
Telephone: (801) 738-5725

Director: William Dodds  
Supervisor: Clark Jensen

Certified to Perform Analysis For:

1. Membrane Filter  
    Potable  
    Total Coliform

Central Utah Water Conservancy District  
Utah Valley Water Purification Plant Laboratory  
P.O. Box 427  
1500 North 800 East  
Orem, Utah 84057  
Telephone: (801) 226-7113

Director: William Dodds

Certified to Perform Analysis For:

1. Membrane Filter  
Potable  
Total and Fecal Coliform  
Fecal Streptococcus
2. Standard Plate Count

Central Valley Water Reclamation Laboratory  
2589 South Main Street, Suite 120  
South Salt Lake City, Utah 84115  
Telephone: (801) 264-2638

Director: William H. Fox  
Supervisor: Kent Loader

Certified to Perform Analysis For:

1. Most Probable Number  
Wastewater  
Total and Fecal Coliform

Central Weber Sewer Improvement District Laboratory  
2618 West Pioneer Road  
Route # 2  
P.O. Box 142  
Ogden, Utah 84404  
Telephone: (801) 731-3011

Director: Mark Davidson  
Supervisor: Rex Averett

Certified to Perform Analysis For:

1. Most Probable Number  
Wastewater  
Total and Fecal Coliform

Chemtech  
28 East 1500 North  
Orem, Utah 84057  
Telephone: (801) 226-8822

SLC ADDRESS: 2875 South Main Street  
Salt Lake City, Utah 84115  
Telephone: (801) 483-1162

Director: Rex Henderson

Certified to Perform Analysis For:

- |                          |                          |
|--------------------------|--------------------------|
| 1. Membrane Filter       | 2. Most Probable Number  |
| Potable and Wastewater   | Potable and Wastewater   |
| Total and Fecal Coliform | Total and Fecal Coliform |
| Fecal Streptococcus      |                          |
|                          | 3. Standard Plate Count  |

Davis County Health Department Laboratory  
Davis County Courthouse  
Environmental Health Room 24  
Farmington, Utah 84025  
Telephone: (801) 451-3299

Director: Richard Harvey  
Supervisor: Bryce Taggart

Certified to Perform Analysis For:

- |                          |                          |
|--------------------------|--------------------------|
| 1. Membrane Filter       | 2. Most Probable Number  |
| Potable                  | Potable and Wastewater   |
| Total and Fecal Coliform | Total and Fecal Coliform |
| Fecal Streptococcus      |                          |
|                          | 3. Standard Plate Count  |

Ecosystem Research Institute  
975 South State Highway  
Logan, Utah 84321  
Telephone: (801) 752- 2580

Director: Vincent LaMarra, Ph.D.  
Supervisor: Christian Donaldson

Certified to Perform Analysis For:

- |                          |                          |
|--------------------------|--------------------------|
| 1. Membrane Filters      | 2. Standard Plate Counts |
| Potable and Wastewater   |                          |
| Total and Fecal Coliform |                          |
| Fecal Streptococcus      |                          |

Ford Chemical Laboratory  
40 West Louise Avenue  
Salt Lake City, Utah 84115  
Telephone: (801) 466-8761

Director: Lyle Ford  
Supervisor: Lewis Pintar

Certified to Perform Analysis For:

- |                          |                          |
|--------------------------|--------------------------|
| 1. Membrane Filter       | 2. Most Probable Number  |
| Potable                  | Potable and Wastewater   |
| Total and Fecal Coliform | Total and Fecal Coliform |
|                          | 3. Standard Plate Count  |

Metropolitan Water District Laboratory of SLC  
9000 South Danish Road  
Sandy, Utah 84092  
Telephone: (801) 942-1391

Director: George Richards

Certified to Perform Analysis For:

1. Membrane Filter  
    Potable  
    Total and Fecal Coliform

Microbiological Development & Control, Inc.  
Environmental Laboratory  
University of Utah Research Park  
520 Wakara Way  
Salt Lake City, Utah 84108  
Telephone: (801) 584-3232

Director: Marion Anderson

Certified to Perform Analysis For:

1. Membrane Filter  
    Potable and Wastewater  
    Total Coliform

Moroni Wastewater Treatment Plant Laboratory  
300 South 500 West  
Moroni, Utah 84646  
Telephone: (801) 436-8264

Director: Paul Stevens  
Supervisor: Sandra Vincent

Certified to Perform Analysis For:

1. Most Probable Number  
Potable and Wastewater  
Total and Fecal Coliform

Provo City Water & Wastewater Laboratory  
1685 South 350 East  
Provo, Utah 84601  
Telephone: (801) 373-7813

Director: Jesse Robinson  
Supervisor: Rex Henderson

Certified to Perform Analysis For:

- |  |   |
|--|---|
| 1. Membrane Filter<br>Potable and Wastewater<br>Total and Fecal Coliform | 2. Most Probable Number<br>Potable and Wastewater<br>Total and Fecal Coliform |
| 3. Standard Plate Count  |   |

Salt Lake City/County Health Department Laboratory  
610 South 200 East  
Salt Lake City, Utah 84111  
Telephone: (801) 530-7561

Director: Elwood L. Loveridge, Ph.D.  
Supervisor: Milton Christensen

Certified to Perform Analysis For:

- |  |   |
|--|---|
| 1. Membrane Filter<br>Potable<br>Total and Fecal Coliform<br>Fecal Streptococcus | 2. Most Probable Number<br>Potable and Wastewater<br>Total and Fecal Coliform |
| 3. Standard Plate Count  |   |



Salt Lake City Water Reclamation Plant Laboratory  
1850 North Redwood Road  
Salt Lake City, Utah 84116  
Telephone: (801) 535-7781

Director: Jack Peterson  
Supervisor: Elgin Dyer

Certified to Perform Analysis For:

- |   |                         |
|---|-------------------------|
| 1. Most Probable Number<br>Wastewater<br>Total and Fecal Coliform | 2. Standard Plate Count |
|---|-------------------------|

Snyderville Basin Sewer Improvement District Laboratory  
P.O. Box 50  
Rasmussen Road  
Park City, Utah 84060  
Telephone: (801) 649-6092

Director: Steve Jenkins  
Supervisor: Neil Jones

Certified to Perform Analysis For:

- |   |   |
|---|---|
| 1. Membrane Filter<br>Potable and Wastewater<br>Total and Fecal Coliform<br>Fecal Streptococcus | 2. Most Probable Number<br>Wastewater<br>Total and Fecal Coliform |
|   | 3. Standard Plate Count   |

Southeastern Utah District Health Department Laboratory  
P.O. Box 800  
6 East Main Street  
Price, Utah 84501  
Telephone: (801) 637-3671

Director: Gerald Story

Certified to Perform Analysis For:

- |   |   |
|---|---|
| 1. Membrane Filter<br>Potable<br>Total Coliform | 2. Most Probable Number<br>Potable and Wastewater<br>Total and Fecal Coliform |
|   | 3. Standard Plate Count   |

Southern Utah State Water Laboratory  
351 West Center Street  
Cedar City, Utah 84720  
Telephone: (801) 586-7914  
(800) 602-1897, EXT. 7914

Director: Joseph L. Comp, Ph.D.  
Supervisor: Joe Hoagland

Certified to Perform Analysis For:

- |                          |                          |
|--------------------------|--------------------------|
| 1. Membrane Filter       | 2. Most Probable Number  |
| Potable and Wastewater   | Potable and Wastewater   |
| Total and Fecal Coliform | Total and Fecal Coliform |
| Fecal Streptococcus      |                          |
|                          | 3. Standard Plate Count  |

Standard Laboratories, Inc.  
P.O. Box 1140  
Huntington, Utah 84528  
Telephone: (801) 653-2314

Director: Ray A. Sim  
Supervisor: Donna Todd

Certified to Perform Analysis For:

1. Most Probable Number  
    Potable and Wastewater  
    Total and Fecal Coliform  
    Fecal Streptococcus

Tremonton Wastewater Treatment Plant Laboratory  
P.O. Box 175  
1200 South 300 East  
Tremonton, Utah 84337  
Telephone: (801) 257-5859

Director: Tim Gibbins  
Supervisor: Daryl Robbins

Certified to Perform Analysis For:

1. Membrane Filters  
    Potable and Wastewater  
    Total and Fecal Coliform

Uinta Research and Analytical Services  
P.O. Box 1488  
Roosevelt, Utah 84066  
Telephone: (801) 722-2532

Director: James F. Smith  
Supervisor: Curtis Shupe

Certified to Perform Analysis For:

1. Membrane Filter  
Potable  
Total Coliform

Commander Tooele Army Depot  
Utah Environmental Health Section  
Building 412  
Tooele, Utah 84074-514  
Telephone: (801) 833-2728

Director: Major Orsak  
Supervisor: Linda Perrone

Certified to Perform Analysis For:

1. Membrane Filter  
Potable  
Total Coliform

Utah Biomedical Research Laboratory  
520 Wakara Way  
Salt Lake City, Utah 84108  
Telephone: (801) 584-3232

Director: James H. Nelson, Ph.D.  
Supervisors: David Gayer  
Brent Torgenson

- |   |   |
|---|---|
| <ol style="list-style-type: none"><li>1. Membrane Filters<br/>Potable and Wastewater<br/>Total and Fecal Coliform<br/>Fecal Streptococcus</li></ol> | <ol style="list-style-type: none"><li>2. Standard Plate Count</li></ol> |
|---|---|

Utah State Health Laboratory  
44 Medical Drive  
Salt Lake City, Utah 84113  
Telephone: (801) 533-6131

Director: Francis M. Urry, Ph.D.  
Bureau Director: Althea Bailey, Ph.D.  
Supervisor: Dale Callister

Certified to Perform Analysis For:

- |                          |                          |
|--------------------------|--------------------------|
| 1. Membrane Filter       | 2. Most Probable Number  |
| Potable and Wastewater   | Potable and Wastewater   |
| Total and Fecal Coliform | Total and Fecal Coliform |
| Fecal Streptococcus      |                          |
|                          | 3. Standard Plate Count  |

Utah Water Research Laboratory  
Utah State University  
UMC 82  
Logan, Utah 84322  
Telephone: (801) 750-3165

Director: Dean Adams, Ph.D.  
Supervisor: Alberta Seierstad

Certified to Perform Analysis For:

- |                          |                          |
|--------------------------|--------------------------|
| 1. Membrane Filter       | 2. Most Probable Number  |
| Potable and Wastewater   | Potable and Wastewater   |
| Total and Fecal Coliform | Total and Fecal Coliform |
| Fecal Streptococcus      |                          |
|                          | 3. Standard Plate Count  |

Weber Basin Water Conservancy District Laboratory  
2837 East Highway 193  
Layton, Utah 84041  
Telephone: (801) 825-1671  
SLC Telephone: (801) 359-4494

Director: DeVar Geary

Certified to Perform Analysis Form:

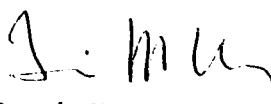
- |                          |
|--------------------------|
| 1. Membrane Filter       |
| Potable and Wastewater   |
| Total and Fecal Coliform |
| Fecal Streptococcus      |

Weber Basin Water Quality Management Council Laboratory  
2837 East Highway 193  
Layton, Utah 84041  
Telephone: (801) 825-1677  
SLC Telephone: (801) 359-4494

Director: A. William Reynolds

Certified to Perform Analysis For:

1. Membrane Filter  
Potable and Wastewater  
Total and Fecal Coliform  
Fecal Streptococcus
2. Most Probable Number  
Potable and Wastewater  
Total Coliform
3. Standard Plate Count

  
Francis M. Urry, Ph.D., Director  
State Health Laboratory